

ladder ergometer: h/p/cosmos® discovery  
 order number: cos30014va02  
 applications: for sports and fitness purpose,  
 not for medical use.  
 WITH UserTerminal (6 Displays & Keyboard), MCU5.  
 Stand alone and/or remote control via interface.

height of climb: 235 cm max. usable (productive)  
 rung interval: 24.4 cm / 10 inch  
 rung width: 49.5 cm / 20 inch  
 angle of gradient: 75°  
 permissible load: max. 140 kg (308 lbs) / min. 20 kg (44 lbs)  
 speed range: 0.1...40.0 m/min. resolution 0.1 m/min.  
 acceleration: 7 levels (3...131 sec. from 0 auf max.)  
 also for deceleration (for manual or program mode)

brake system: 0.75 kW 3-phase A.C. motor, (maintenance free)  
 power transmission: chain system  
 safety systems: CE; guideline 89/336/EEC (EMC); DIN EN 60204-1;  
 IEC EN 60335-1; VDE 0700-1; EN 957-1;  
 DIN EN ISO 9001:2000; DIN EN ISO 14971:2007;  
 light barriers, handrails on both sides and at the top  
 emergency-stop-button

display (resolution): 6 LCD displays, 4 LEDs for operation mode,  
 20 LEDs for display of units & profile no, steps, etc.  
 speed (0.1 m/min), time (00:00), in hours, minutes  
 & seconds, distance (1 Meter...999.9 km or miles),  
 program step/number, energy (1 kJ/kcal),  
 power (1 Watt), heart rate (1 bpm / beat per minute)

heart rate monitoring: POLAR wireless, 1 channel receiver  
 ECG-accurate measurement and display beat-to-beat;  
 automatic control of speed and elevation according to  
 programmed target heart rate ("cardio mode")

interface digital: 1 x RS 232 com1 with 9600 bps: incl. PC-protocol,  
 h/p/cosmos coscom® & printer protocol serial.  
 option extra charge: USB-RS232-Converter;  
 com2; com3 with 115.200 bps; com4.

programs: 10 programs / profiles  
 - 3 exercise profiles  
 - 3 test profiles (graded test, ramp-test, etc.)  
 - 4 free definable programs with 40 program steps

free PC software: h/p/cosmos para control® for monitoring & remote control  
 incl. 1 x RS232 interface cable 5 m.

software: h/p/cosmos para graphics®, para analysis® & para motion®.  
 (extra charge) PC software for monitoring, recording & analysis.

free accessories: user manual; service box including special oil.

external colour : grey-aluminium RAL 9007 (powder coated);  
 other colours on request.

internal colour: grey-anthracite RAL 7016 (powder coated);  
 other colours on request.

handrails: arched handrail made of stainless steel  
 diameter 20 mm

voltage supply: 230 Volt AC 1~/N/PE 50/60 Hz 10A fuse breaker;  
 dedicated line, special voltage supply available on request.

size of frame: B: 90 cm (35.43") T: 101 cm (39.76") H: 247 cm (97.24")  
 net weight: approx. 300 kg (660 lbs)  
 gross weight: approx. 400...550 kg (880...1210 lbs)

Weight and package specifications can deviate according to options,  
 accessories and packing. E&OE. Subject to alterations without prior notice.

No children on or near to this system.

Keep min. L: 2m x W: 1m safety space behind the system!